H6631 to H6664 inclus. Station No. H 6631 Date: July 14 Hour: 6:00 A.M. to -. M. Position: Lat. 32-38-50 Long. 119-09-20 Chart 5-002 Locality: Sample: Depth: Bottom: Wind: Direction, Force, Sky: Sea: TEMPERATURES Correc-Thermometer-Make and No. Depth Reading Durf Ranfac 7486 15.9

			CURRENTS			T
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
				- 1		
						1
						-
E Te no						
		-				

Color of water:

Transparency:

REMARKS:

11-5314

TIME Description Depth Speed Down | Up

11-5314

NOTES

Payelm. W 13.6 D 18.4

	No. #6632		Date:	1	ly 19	4	191 6
Hour:	8:07:000	M. to 874	7:00	. M.			
Position	n: Lat.		Lon	g.			
Locality	7:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,	0-1			
Sea:	8		Sky:	P.			
		TEMP	ERATURES				
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
Eurf.	Ranger 7486	16.50	_	0	(61.5)	×	
		2-15:6	14.80	-0.05	(54.8)	4.9	5
					(14:0)		

			CURRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
			0			
			1 1			

Transparency:

Color of water:
REMARKS: Lying to

11-5314

CE Dodong

Providentes	70 11-	TI	Speed	
Description	Depth		Up	Speed
Surface #12-000	nutero	8:07	8:19	
Serial Closing apparatus "		8:11	6:27	
Serial Closing apparatus 11	30	8:11	8:42	
Serial Clasing apparatus				

NOTES

1 st messenger down at 8111:00 am

74m purface hand, purf. sample W 13.3 D 15.3 Durf. 16.6 (no correction)

826 Psy. W+3.7 D15.4

Drifted from
Lat 32-37-00
Kong 119-17-48

Lat 32-32-00 Long 119-20-00 Station No. 4 6632 Date: July 14 1916

Hour: 8:47 a.M. to 9:07 a.M.

Position: Lat.

Long.

Locality:
Depth:

Bottom:

Sample:

Wind: Direction,

Force, 0-/

Sea:

Sky:

	TEMPERATURES	
T		-

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Lur.	Raifao 7486	15.7)		(60.3)	X	
10 24	NZ. 165868 3	42-15.7		-0.05	14.85 (5	0.2)	15,2
30 m	Nz. 165871 =	41-13.00	15:5	-0.112	12.87 (33		

CURRENTS										
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction				
			W.	1						
	17.									

Color of water:

Transparency:

REMARKS:

11-5314

a. De Long.

Description	Depth	Down	ME Up	Speed
Surface # 12 4 4000	0	8:47	9:029	
Serial Closing apparatus	10	8:3-2	9:08	
Serial Closing				
Serial Closing app aratus	30			

11-5314

NOTES

Messenger down at 8:52:00 am

Prych. W 24.0

DIST

Station No. # 6632 Date: July 14 101/6

Hour: 9:29 Q . M. to 9: 439 . M.

Position: Lat.

Long.

Locality:

Depth

Bottom:

Reading

Sample:

Bottle used

W.

Corrected Temp.

Wind: Direction,

Force, 0-1

Correc

Sea: Sky: Q

Thermometer-Make and No.

Lus.	Ranfac 7486	15.60	6.	(60.1)
1024	NZ. 165868 NZ 165869	#1-147	157 -0.05	15.65 (60,2) 3,5.5
	NZ 165871 PH+ 37572	#1-12.6	15.2-0.15	12.45 (54.4) 2124

Depth						and the second second second
Depin	Hour	Tide	Time down	Revolutions	Speed	Direction
			1			
						1
					4.	

Color of water:

Transparency:

REMARKS:

11-5314

CB. Delolig.

Description	Depth	3	Speed		
Description	Depth	Down	Up	Speed	
Surface # 12 3 # 200	0	9:25	9.40		
Serial Closing apparatus 1	10	9:28	9:44		
Lerial Closing	30	9:28	9:49		

1 st Messenger down at 9:24:00 and 2nd Mussenger down at 9:24:00 am

Psy. W 470 D15.7

Date: July 14 1916 Station No. H 6632 Hour: 9:57 a. M. to 10: 22 a. M. Position: Lat. Long. Locality: Depth: Bottom: Sample: Wind: Direction, Force, 0-/ Sea: Sky: Qto 9 · TEMPERATURE Sample Stem Temp. Thermometer-Make and No. Correc-Corrected Temp. Bottle Depth Reading Sur. Ranfac 7496 15.60 10 24. NZ 165668 #7-18.8 18.40 -0.07 15.35 (54.6) 2 1500

NZ 16564 #2-147 7 16.38 (7)-0.05 14.65 (52.45) 3024. NZ 16581 #1-1/.5 16.38 (7)-0.07 11.86 (52.45) 31.35

Riv 37572 #2-11.35 16.72 -0.07 11.33 (52.4) 31.35 CURRENTS Depth Hour Tide Time down Revolutions Speed Direction

Color of water:

Transparency:

REMARKS:

11-5314



Description	Depth	TI	ATE .	Speed
	200 pm	Down	Up	opecu
200 " 100 # 10 - " 000	0	9.=71	10:11	
Copper to the	107.	10,00	10:11	
apparatus,	30 74.	/J-JE	4 U.A	

11-5314

NOTES

1st Throse of money of 10:00 and

Psy. W 4.3 D16.7

Station No. # 6632 Date: July 14 1916. Hour: 10:28 9. M. to 10:48 a. M. Position: Lat. Long. Locality: Sample: Bottom: Depth: . . Force, 0-/ Wind: Direction. Sea: Sky: TEMPERATURES Thermometer-Make and No. Depth Reading "Ranfac" 7466 15:60 30 11 1 1/2 161 668 11 - 122 14 8 -0.08 12,12 (53.6) 254.45 CURRENTS Depth Hour Tide Time down Revolutions Speed Direction Transparency: Color of water: REMARKS: 11-5314

Kerryelle.

Description	Depth	Down	Up Up	Speed
Surface #12 - # 000.	0	10:26	10:40	
Serial Closing appar ti.	3020	10:26	10:44	
with a particular	30 %	12:28	10:48	

1-5314 ... NOTI

· 1st more of Lowe at 15 - come

Pay 41.6 DITH

Hour: 10:56 a. M. to 11:17 a. M.

Position: Lat.

Locality:

Depth: Bottom:

Sample:

Wind: Direction, Force, 0-/

Sea: Sky: Q.

		TEMI	PERATURES	S			
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Ponfac 7486			. 0	_		
13/1	NZ 165869	#2-11:80	14.80	-0.08	11.72-13	13.17	3 11.5
0.4	12 161866 NZ 161869 12 1,2 111 Ptr 37572	=2-9.78	14.8	-0.04	9.74 (4	9.7.	19.1

CURRENTS								
Depth	Hour	Tide	Time down		Speed	Direction		

Transparency:

REMARKS:

. 011 00000		
Depth	Down Up	Speed
0	10:53/1: 9	
30	10:5-6 1, =	
: 50	10: 56/10	
	Depth	Depth Down Up

11-5314

NOTES

2 ml Psy. W 14t D 17.4

Station	No. H6632		. Date: .	July	, 14		1916
Hour:		. M. to .		. M.			
Position	ı: Lat.		Lor	ng,			
Locality	0						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,	0,-/			
Sea:	<u></u>		Sky:				THE STATE ASSESSMENT
		TEMP	ERATURES	5			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Rompac 7486		Name of the last o		(60.6)	×	
	N2 1651 . 6 1.2 145349	12 /2 /		-0.06	13.03 (1.1	\$10.80
	Rtr 37572	12 6/7	14.10	-0.15	9.72 (4	9,5	39.71
		7.7	· Agaign		11.50 / (1	
							(
		CUI	RRENTS .			-	
Depth	Hour			Revolutions	Speed	Dir	ection
Color of wa	ter:		Transpare	ncy:			
REMARK	S:				. 1	1-531	4

.

	1 .;
	11 + 4
500 11129	11:44

NOTES

11-5314

Psy. W 1773 D16.4

Station	No. 176	5.1.2	. Date:	, fill	·/· ·/		191
Hour:	12.57 P	. M. to /	1.18	P.M.	<i>"</i>		
Position	ı: Lat.		L	ong.			
Locality	r:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	6		Sky:	0			
		TEM	PERATUR	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bettle used
=11	Karter	₩,=		U	(59.9)	-	
	35572		J -	- 6.63	કર્ય ત.ક		<i>y</i> /~
Depth	Hour	Tide T	ime down	Revolutions	Speed	Dire	ction
Color of wa			Transpa	rency:			No. of the last
REMARK	S:				1	1531	
		1.10-10	-13.6	Z K(z			

	Description	Depth	TIM	IE	Speed
b	Description	Depth	Down	Up	Speed
(!!/.		No.	12.57	1.09	
		50-71	12.5	1 .00	
		(1./2	1,12	
		"	1.12	1.78	

11-5316

NOTES

24

Psy. W44 8

D 126

Station	No. 466	32	Date:	inl	4 15		191 (
Hour:	1.26 J.	M. to	47.0	о. М.			
Position	ı: Lat.		Lo	ng.			
Locality	r:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	8		Sky:				
/		TEME	ERATURE	S			
Depth	ms.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Sey	Ranfac 7456	16.3		0	(6.3° (61.3)		YY * NE MANA
•	M. 11597 +1-1 1		67	- 6.0%,	16,50 1623 6 4 9,59	44	;}}q.47
Depth	Hour		RRENTS ime down	Revolutions	1	1	
					Speed		rection
Color of w			Transpar	ency:			
REMARI	KS:,					1153	14

	Description		70 . 11	TIT	Speed	
Description			Depth	Down	Up	Spece
. 1446			-	<i>j</i> * ,,	-	
				- ·	·,.	
		Ξ	,	-	19	

NOTES

Pay.

15.6

1.11

	No/-				Fan 1.	191 -
Hour:	1.55 1	. M. to.	2.10	.м.		
Positio	n: Lat.		Loi	ıg.		
Locality	7:					
Depth:		Bottom;			Sample:	
.Wind:	Direction,	** ** ****	Force,			
Sea:			Sky:			
	,	TEM	PERATURES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample used
And district the decides with a given	People	16.3			(61.3)	
50-51.	7: 11:4:5 1:1:1:1:3 NZ 11:4:1:3 NZ 11:4:1:3 N:1:37:72		73. 8	- 1,14 15218 1,15	11.11/6 11.42 (1 19.55 (1)	2.0) ZII.15 21) Z (7.4) Zo.6
		CU	RRENTS			
Depth	Hour .	Tide	ime down 1	Revolutions	Speed	Direction
Color of wa	iter:		Transparer	ncv:		
REMARK					1	i5314

- /	Description		72-45	TII	ME	
	Description		Depth	Down	Up	Speed
				` (- /	
	ă.		= -			
			. *	- 3	2,/6	
11-5314		NO	OTES			

Station No. 4-6632 Date: July 14 1916. Hour: 2.32 (.M. to 3, 10 F.M. Position: Lat. Long. Locality: Sample: Depth: Bottom: Wind: Direction, Force, Sea: TEMPERATURES Sample Bottle Depth Reading Roufee 7486 A) more 47.0(8.33) 7.5 711 NZ, 95256 F 47,7 CURRENTS Speed Direction Tide Time down Revolutions Depth Hour Transparency: Color of water: REMARKS:

Ble Rly

Description	Depth	Down	Up	Speed
5-1-				
E His man	3 72			
· · · · · · · · · · · · · · · · · · ·		17,03		

NOTES

Station No. #-6632 Date: July 141916 Hour: 3, 0/ P.M. to 1/9 47.M. Position: Lat. Long. Locality: Depth: Bottom: Sample: Wind: Direction. Force, Sea: Sky: TEMPERATURES Stem Correc-tion Corrected Temp. Reading Bottle SV. 805 15,7 +0,15, 15,25 (55.7) 1900 100 +0,12 15,22 (5/10) NZ.98260 -0.5. 1 65 (13.61) -0.7 56.7(13.72) + 0.04 12,34(54.2) -0.17 -1/(13,1) 51496 - (.1. 9.5 (44.1) 11 9.65-(49.4) NZ.164895 47.8 (8.78) 1/5 -0.7. N2.62.855 1 -1.0 47,5 (8,61) CURRENTS Depth Hour Tide Time down Revolutions Speed Direction

 Color of water:
 Transparency:

 REMARKS:
 11-5314

Description	Depth	TIME		Speed	
DUNLINGE		Down	Up	- Special	
		3,4/	3.14	140-51 50-5	
V			7. 1	75-5	

11--5314

NOTES

avenue

1524.

56.6 1369

12.26 9.58 47.65 890

	No. H663						
Position	1: Lat. 32-	m 9-2		ng. 119	-17-	00)
Locality		end 30	02				
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Just	Ranfre 7486	16.6		0	16.6	~	
							Addition the
	1	1	URRENTS			1	1
	,						

Transparency:

Color of water: REMARKS:

Description	Depth	TII	ME	Speed
	Depin	Down	Up	Speed
	A 1340 1840 1841 - 1840			

Station T	H. 6634		Date:(July!	1/	1916
	1:30 P.					
Position	: Lat. 32-	44-00	Lor	ng. 119-	15.00	0
Locality:						
Depth:		Bottom:			Sample:	
Winds T	Direction,		Force,			
wind: 1	Direction,		_ Force,			
Sea:		year a capean on the children	Sky:			
		TEM	PERATURE	S		0
Depth	Thermometer — Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
Dr. Vij.	Range 1481,	16.4		0	/64 (62,4)	
			1			
				!		
						İ
	<u> </u>	(CURRENTS			-
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Description	Depth	TII	ME	Speed
	Depth	Down	Up	Speed
***************************************				-
WARREN A AMERICAN				

11-5014

NOTES

Hour: 5:00 P. M. to - . M.

Position: Lat. 32 48-30 Long. 119-13-00

Locality:

Depth: Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
Dung.	Romfae 7486	16.9	gazendo _{stra}	0	(62.4)		
						1	
				1			
	4						
•							

			CURRENTS			
Depth	· Hour	Tide	Time down	Revolutions	Speed	Direction

Transparency:

REMARKS: Lunder way

11-5314

Develotion	Description Depth			Speed	
Description	Depth	Down	Up	Speed	

11-5314

NOTES

Station I	No. H663	0	Date:	july 1	ť	:	1916
Hour:	130 P	. M. to -		. M.		-	
		52-00	Lon	g. 119	09-3	0	
Locality: Depth:		Bottom:			Sample:		
Wind: I	Direction,		Force,				
Sea:			Sky:	,			
Be 1000000000000000000000000000000000000		TEME	PERATURES			101	
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
Durf.	Ranfae 7486	16.8.		٥	(62.2)	×	
						.,	
1		CI	JRRENTS				
Therette	77	·mu- la	Dina danu I	Danielinklani	- Casad	1 Di	eaction

Color of water:

Transparency:

REMARKS:

11-5314

Description	Depth	TII	ME	Speed
Description	Depit	Down	Up	Speed
11-5314	NOTES			

Station No. H 6637 Date: July 14

Hour: 6:00 P.M. to .M.

Position: Lat. 32-53-40 Long. 119.04-

Locality:

Depth:

Bottom:

Sample:

Wind: Direction.

Force.

Sky: TEMPERATURES

		T TOTAL T	ERATORES	5			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
De!	Paulie TU!	·. į	_	0	(62.2)	人	
		i			1 (
				1			
						1	

CURRENTS						
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5311

Description	Depth	TIF	ME	Speed
Description		Down	Up	Speed
		-		

11-5314

	: Lat. 3,7 -	57-20	Lon	g. 119	- 5"4 -	50	>
ocality	Oliver.	1 500	て				
Depth:		Bottom:			Sample:		
Wind: I	Direction,		Force,				
Sea:		-	Sky:				
		TEM	PERATURES	5		0	
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
Dery!	Panfac 7486	. 17.7.		0	(63.9)	×	
	,						
		c	URRENTS				
Depth	Hour	C	URRENTS	Revolution	s Speed	D	irectio
Depth	Hour			Revolution	s Speed	D	irectlo
Depth	Hour			Revolution	s Speed	D	irectio
Depth	Hour			Revolution	s Speed	D	irectio
Depth	Hour			Revolution	s Speed	D	irectio
Depth	Hour			Revolution	s Speed	D	irectloi
Depth	Hour			Revolution	s Speed	D	irection
Depth	. Hour			Revolution	s Speed	D	irection

Description	Depth	TIL	AE.	Speed
Description	Depth	Down	Up	
		1		

Station No. H 6639 Date: July 14, Hour: 7:30 P. M. to -. M. Position: Lat. 32-59-40 Long. 118-49-30 Chan 8 5002 Locality: Sample: Depth: Bottom: Wind: Direction, Force, Sky: Sea: TEMPERATURES Sample Correc-tion Corrected Temp. Bottle Thermometer-Reading Depth W.S 17.5 17.5 Durf Ranfac 71184 ×

	CURRENTS							
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction		
			1					
		!						

Color of water:

Transparency:

REMARKS:

191

NI	ETS, ETC., USED			
Description	Depth	TIM	ME.	Speed
Description		Down	Up	
	1	700 000 000		

11-5314

Station	No. /-/ /	1.1	Date:	J. 1.		191/
Hour:	8:00 P	. M. to =		. M.		
Position	n: Lat. 33	02-0	D Los	ng. // 8	8.114	30
Locality						
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,			
Sea:			Sky:			
		TEMI	PERATURE	S		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottl used
junt	Ruger int.	176	-	5.	(43.7)	X
		÷				
Depth	Hour		RRENTS	Revolutions	Speed	Direction
						Direction
Color of wa	iter:		Transpare	ncy:		
REMARK	(S;	** PRODUCE 11.0/ ARLING				1-5314

D	Depth	TI	4E	Speed
Description	Depth	Down	Up	

11-5314

Station No. 14 L. 1. "			Date:	yleng			1916
Hour:	8:30 P	. M. to		. M.			
Position	n: Lat. 34-	011-30 wt 510	Lo	ng. 1/9		10	
Locality							
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TEMP	ERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
1.1	Parple 7 " fr	1755		2	(63.6)	>	
				1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
Depth	Hour		RRENTS		1		-
Depth	Hour	Tide T	ime down	Revolutions	Speed	Dli	ection

Color of water:

Transparency:

REMARKS:

	Depth	TIT	TIME	
Description	. Бери	Down	Up	Speed

11-5314

Station	No. H 61.	1/5	Date:	Gury	12,		191/-		
Hour:	9º P	. M. to		M.					
Position	n: Lat. 33-	07-13:	, - L	ong. // 3	T v	·. 43			
Locality	7:								
Depth:	the same and the same of the same	Bottom:		Sample:					
Wind:	Direction,		Force,						
Sea:	and the second second		Sky:						
		TEM	PERATURI	ES					
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle		
Jung	Ranfac 71156	17.25		0	17,25	×			
				T.					
	i								
						1			
			RRENTS		.,	,			
Depth	Hour	Tide T	ime down	Revolutions	Speed	Dire	ection		
						· decoro			
	1					-			
Color of wa			Transpar	rency:					
REMARK	S;		# 103mm magazin com			1-531	4		

	ion Depth		TIME	
Description		Down	Up	Speed
	1			

11--5014

6	6	4'	3	
	6	66	664	6643

Date: July 14

1016

Hour: 9:30 P. M. to

. M.

Position: Lat. 33-09-00 Chart 5100

Long. 118-30-10

Locality:

Depth: Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

_		TEMI	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
2	16-1-11	156		=	(2.23)	>	
					, ,		

CURRENTS

			COLLECTION			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

P 1.0	Depth	TII	TIME	
Description	Depth	Down	Up	Speed
11~5311	NOTES			

Station	No. 14 .		Date:	July,	,		1916
Hour:	10:00 P	. M. to		. M.			
Position	1: Lat. 33	12-35 unit 51	Lo	ong. //8	: 11. 1	5-5-	-
Locality		20 -1 -91					
Depth:	all and the state of the state	Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TEMI	PERATURE	S		-	-
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Jun!	Practite	16.9		; !	(66.0)	X	
				1			
				1 1			
	'····	CU	RRENTS	-			
Depth	Hour	Tide T	ime down	Revolutions	Speed	Dir	ection
						1	
	,					1	

Transparency:

Color of water:

REMARKS:

		TIL	ME	Speed
Description	Depth	Down	Up	Speed

11-5314

	No. / 1.4						191/
	n: Lat. 33				-19-4	0	
Locality		nevy.	3/00				
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TE	MPERATUR	ES			*** ***
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
)		/ 6. E			(61.8)		
Depth	Hour	Tide	URRENTS Time down	Revolutions	Speed		ection

Color of water:

Transparency:

REMARKS:

* 1.1	Depth	TII	ME	Speed
Description		Down	Up	

Station No. H 6 : is Date: Chiny : 191 (-Hour: //:00 P.M. to Position: Lat. 33-13-25 Long. 118-14-15 Locality: Sample: Depth: Bottom: Wind: Direction, Force, Sea: Sky: TEMPERATURES Corrected Temp. Bottle Thermometer-Make and No. Depth Reading Day Range 11 86 1.15 166,5)

CURRENT

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Depth	Hour	1100	Time down	Accountions	Speed	Direction
		i		1		
				1		
		1				

Color of water:

Transparency:

REMARKS:

	Depth	TIM	AE.	Speed
Description		Down	Up	- Spece

11-5314

Station No. # 6647 Date: July 14 1912 Hour: ///30 P.M. to . M. Position: Lat. 3' 14 55 Long. // Locality: Depth: Bottom: Sample: Wind: Direction, Force, Sea: Sky: TEMPERATURES Sample Corrected Temp. Bottle Thermometer-Make and No. Depth Reading Temp. W. 14.15 CURRENTS Direction Tide Time down Revolutions Speed Depth Hour

Color of water:

_

Color of water: Transparency:

	Depth	TII	4E	Speed
Description	Depin -	Down	Up	

11-5314

Station No. Fl 6 1 12 Date: String 12 1916

Hour: 17:00 midnight ______.M.

Position: Lat. 33-18-55 Long. 118-08-30

Locality:

Depth: Bottom:

Sample:

Wind: Direction,

Force,

Sea:

		TEMI	PERATURES	5			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
iny.	1/4 mgs = 1476	16.6	-	0	(65.8)	>	
				1			

CHDDENG

			CURRENTS			
Depth	· Hour	Tide	Time dawn	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

..

	Depth	TIL	ΜE	Speed
Description	Deput	Down	Up	Бресс

11-5314

Station			Date:	3""		191 (
Hour:	10:30 A	. M. to		. M.		
Position	n: Lat.		L	ong.		
Locality	1: Ot. Fu	nun				
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,			
Sea:			Sky:			,
		TEN	IPERATUR:	ES		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample used
July	Page to	18.4		۵	(102)	
			URRENTS		.,	4
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Color of wa	ater:		Transpa	rancut		
REMARK			ланара	toney;		

	- 11	TIP	Æ	Speed
Description	Depth	Down	Up	Spece

11-5314

NOTES

16-3

84%

Chant 5-100

Point vincent 7/14 = 17, me

Station	No. H665	0	Date:	July !	7		1916
	11:00 A		Colonian a principal de la colonia de	. M.			
Position	ı: Lat.	and the second second second second second	Los	ıg.			
Locality	·:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF		Sky:				
-		TEMI	PERATURES	3			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Durf	Phyles 11%	16,8	* ***** *** * *** * * *	0	(8.8)		
				1			
Depth	Hour		RRENTS	Revolutions		1=.	rection
Беріп	Hour	1ide 1	ime down	Revolutions	Speed	Dir	ection
Color of w	nter:	-	Transpare	ency:			
REMARK		* * * * * * * * * * * * * * * * * * * *				1—83	14

	The sales	TIN	Æ	Speed	
Description	Depth	Down Up		Specu	
				1	
11-5314	NOTES				

Psy. W 46-7 D16.5

Point Vincent STOE 57

Station	110.77		Date:	Hierry			1910
Hour:	11:30 A	. M. to -		M.			
Position	n: Lat.		L	ong.			
Locality	7:						
Depth:	tion-material actions to design to be discussed by the space of the sp	Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	An Alexandria - Managini kada Sajayabayab		Sky:				
		TEM	PERATUR	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle
huf	Hugar a f.	18.7		0	15.7 (CL.,)		
						Visiting and the state of the s	
W 44			RRENTS	· '	,		
Depth	Hour	Tide 7	ime down	Revolutions	Speed	Dir	ection
Color of wa	iter:		Transpar	rency:			
REMARK	S:					1-531	4

		TID	1E	Speed
Description	Depth	Down	Up	
	8 0 0 0 0 0 0 0 0 0 0			

11-6314

NOTES

Psy. W16-2 : D17.7 16.3

87%

Point Vinerat 575 E

Station	No. 1166.	52	Date:	July	1"7		1916
Hour:	12:00	. M. to	Aller And March 2011				
Position	n: Lat.		L	ong.			
Locality	7:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	er fer nor - or		Sky:				
		TE	MPERATUR	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
my	the parties	7 5. 8			(68.8)		
-	The second secon						
			CURRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	Dir	ection
Color of wa	ater:		Transpa	rency:			

REMARKS:

		TIN	AE.	Speed
Description	Depth	Down	Up	

11-5314

NOTES

Psy. W 179 D20.5

70.00

Chart 5100

Point (queent STSE(Time)

111.1

Station		1-1	1	1	,~	2	
Station	No.	/ /	0	6	9.	-	

Date: July 17

1916

Hour: 17/30 P. M. to -

. TVI.

Position: Lat. Long.

Locality:

Depth: Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

		T ISIVI E	ERATURES	,			
Depth Juf	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	Range 71186	19.0	Military Property Control of the Con	0	(66.2)		
	i				(66.2)		
				,			
						7	

OHDDHAM

			CURRENTS		-	-
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

	Depth	TIME		Speed	
Description	Depth	Down	Up	Up	

Pol. 11 Lla 7 8

D1.11

Noise France 1017 mis.

	1:00 P	M. to -		. M.			
Position	: Lat.		Lor	ıg.			
Locality							
Depth:		Bottom:			Sample:		
.Wind:_	Direction,		Force,				
Sea:			Sky:				
		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottl used
Jung	Renfac 7486	19.0.		0	(66:2)		
•							
		C	URRENTS				
Depth	Hour	Tide	URRENTS Time down	Revolution	s Speed	D	irection

		20 11-	TIME		Speed
Description		Depth		Up	Speed
	44,				
			1		

11---5314

NOTES

Psy. W D+ D2011 758

17.2 chart 5 200

Porut Warme 7: 5 = (200)

Station	No. H 64.	1 1	Date:	guin	··,		1916
Hour:	1:30 P	. M. to .~					
Positio	n: Lat.		. .	ong.			
Locality	7:						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TE	MPERATUR	ES			
Depth	Thermometer – Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Carol	Romber 1466	1.00€	~	-5	(67,6)	4 1	
						1	
						I !	
						10 H	/
			CURRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	Dire	ection
Color of wa	ater:		Transpa	rency:			

REMARKS:

NE	TS, ETC., USED				
Description Depth TIME					
Description	Беріп	Down	Up	Speed	
 	100 200				

11-5314 NOTE

Psy. W167 D19,2 7478

Chart 5200

Ponit Duna N 30 E (Fine)

rom:	7:00 P.	TAT - 10					
Position	Lat.		. Lor	ıg.			
Locality	*						
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stom Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Dest	Parfer 1466	11.2	-		(66.6)		
			UURRENTS				
Depth	Hour	C	URRENTS Time down	Revolutions	s Speed	D	rection
Depth Color of vi					s Speed	Di	rection

	Depth	TIME	Speed	
Description	Depth	Down.	Up	Speed
	2			

11-531

NOTES

Pay 11 164 - 01813

82%

Bhurt 5 200

Print Brown 1650 E

10.7 mi.

station i	No. // UGS	/	Date:	Jany-		191,6
Hour:	2130 P.	M. to -		. M.		
Position	: Lat.		Lon	ıg.		
Locality:	:					
Depth:	a tale and the second of the s	Bottom:			Sample:	
Wind: I	Direction,		Force,			
Sea:			Sky:			
		TEME	PERATURES	5		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
Jack.	Bryse "ii.	164			(65.1)	
				:		
						1
						10 mm
		CI	JRRENTS			
Depth	Hour		Time down	Revolutions	Speed	Direction
			Acceptance			
			Transpa	- V		
Color of w						

		TIME	Speed	
Description	Depth	Down	Up	Speec

11-531

NOTES

16.2 Will

83%

chart 5200

Point Danne 7664E (True)

13 4/ mic.

Station	No.	H	6	6	5	8	

Date: Suly 17

1916

Hour: 3/00 P .M. to-

Position: Lat.

Lond.

Locality:

Depth: Bot

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

' Sky:

		TEMP	ERATURES				
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
Amf.	Ranfac 7486	17,0		0	(62,6)		

CHERENT

			CURRENTS		TA AND THE PARTY OF	
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11---5314

	-	TIF	TIME	
Description	Depth	Down	Up	Speed

11-5314

NOTES

Psy. W # 9 D 17.7

84%

Frenence St. W(True)

14.1 mi.

Position: Lat. Long. Locality: Depth: Bottom: Sample: Wind: Direction, Force, Sea: Sky: TEMPERATURES Stem. Correc-Corrected Temp. Bottle Thermometer-Reading Depth Durf Rayer 7486. 17,3 17.3

CURRENTS

Time down

Revolutions

Speed

Tide

Date: Suly 17

. M.

191/

Station No. 1-1 6659

Hour: 3:30 P. M. to

Color of water:

Depth

Hour

REMARKS:

Transparency:

11--5314

Direction

Description	7211	TII	VIE.	
Description	Depth	Down	Up	Speed

Psy, W455 D17.4 83%

Chart 5200

Hueneme Lt. 21410 (20) 12.4. mi.

	4;00 P.		Los				
Locality				-8-			
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:				d.			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
Jung	Profee 7486	17.2		0	17:7		
						174	

CURRENTS

Time down

Transparency:

Revolutions

Speed

Direction

Date: Sely 17

1916

Station No. H 6660

Depth

Color of water:

Hour

Tide

		TIL	5 T	
Description	Depth	111	VI IS	Speed
Description	200711	Down	Up	
		-		
	l l			
	1			
	,			
	1			

Psy, W 15.8 D17.0

chant 5200

Huenime Xt 21/2 = Tank

11.8 mi.

Station No. 46661 Date: July 17 191 . M.

Hour: 4130 P.M. to-

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction,

Force,

Sea:

Sky: TEMPERATURES

-		~~~	DICHE ONLD				
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Jul	W. 40 16 16	15,9	-	0	15,9		
						. 1	
						İ	

CURRENTS									
Hour	Tide	Time down	Revolutions	Speed	Direction				
	Hour	Hour Tide							

Color of water: .

Transparency:

REMARKS:

11-5314

	Depth	TIME		Speed
Description	Depth	Down	Up	Operc
	1			
	1			

Psy. W155 D17.2 849

Chart 5 200

anory Xt. 1125 ; W. Tue)

Locality: Depth: Bottom: Samp Wind: Direction, Force, Sea: Sky: TEMPERATURES Depth Thermometer—Reading Stem Temp. Correction Temp Make and No. Reading Stem Temp. Correction (6).	rrected semp.	Bott
Wind: Direction, Force, Sea: Sky: TEMPERATURES Depth Thermometer—Make and No. Reading Stem Temp. Correction Temp.	rected B	Bott
Sea: Sky: TEMPERATURES Depth Thermometer— Reading Stem Temp. Correction Temp.		Bott
TEMPERATURES Depth Thermometer—Make and No. Reading Stem Temp. Correction Temp.		Bott
Depth Thermometer—Make and No. Reading Stem Temp. Correction Temp.		Bott
		Bott
Jung Paufae 7486 16,2 - 0 16.	1	use
	1,2	
CURRENTS		

Transparency:

11-5314

Color of water:

REMARKS:

	- 1	TIME		Speed
Description	Depth	Down	Up	Speed

11-531

NOTES

Psy, W 4.6. D16.0 87%

Chart 5200

anoun: At 7/57E (Tim)

Station	No. H 66	63	Date:	Suly	17	1916
Hour:	5:30 P	. M. to -		. м.		
Positio	n: Lat.		Lo	ng.		
Locality	y:					
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,			
Sea:		-	Sky:			_
		TEM	PERATURE	S		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	Bottle used
Dung	Ranfae 7486	17,4			17,4	
Depth	Hour		URRENTS Time down	Revolutions	Speed	Direction

Transparency:

11-5314

Color of water:

REMARKS:

	Description Depth TIME	TIME		
Description	Deptil	Down	Up .	Speed
	1			
	1			

Psy W157 D17,3 839

chart 5200

San Pedro St (Santa (5 3 d)

Station No. 11 6 6 6 41 Date: 18 191 6.

Hour: 5:27 A.M. to C.C. A.M.

Position: Lat. Long.

Locality: Sand Gray Tal. Sample:

Depth; 9/17 for Bottom: Sample:

Wind: Direction, S. E. Force,

Sea:

		TEMI	ERAIURES				
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Stuff.	Ranfaz 7486:	16.10		0	16,0 (60,8)		
522	i p	2:	n e e e e				
10%		11:					

			CURRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Arutil-

Pear- The

Down (i	Up	Speed
(i		Specu
	ruy	15
5:27	- 4-	
5:42	[: :/ :3	
		,

1st messenge down at 5:27 am.

5年 By WIS. & DI7.3 95%

Pt South of Some Conce South Charge (True) 0.3 mi

Station No. The loss W Date: Truly 1016 Hour: 6:02 A.M. to 6:00 A.M. Position: Lat. Locality: Santa Cruz Island Depth: 91/2 fas. Bottom: Sample: Wind: Direction, S = Force, Sky: 93 - 98 - 10 TEMPERATURES Corrected tion Temp. Thermometer— Reading Make and No. Depth Surf Rayse7486 16.1 - 0 16.1 .57 NO 165618 NO 15.9 16.0 -0.05 15, 55 (605) 15.95 CURRENTS Revolutions Speed Direction Depth Hour Tide Time down Transparency: Color of water: 11--5314 ... REMARKS:

NETS, ETC., USED

	Down (c.	Up (2:/5)	Speed
			5
	1		-
J/(_	6203	6:18	
202	5:17	~ ? »	
			6:18

11-5314 ...

NOTES

Contract Contract 1 St missing 6:17 ...

Station No. Date: 191

Hour: 6:31 A.M. to 6:50 A.M.

Position: Lat. Long.

Locality: Santa Cruz Island.

Depth; Bottom: Sample:

Wind: Direction, SE Force,

Sea: 9 Sky: 03 - AS - 10

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
· uto	NZ 165 668		toper &	0	(61,0)		
157;	NY (65 VE 37072	15.25	151.0	16.00	15,29(F7.	. (1

	CURRENTS						
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction	

Color of water:

Transparency:

REMARKS:

F

War and Alban	Depth	TII	Speed	
Description	Деріц	Down	Up	Speed
Ser 1. 50 12 12 000	J	, 0 '	6. 1.	(5)
Sex. Cla de de 1	· · · ·	/	6 00	
Su Comment	17 m.	Logic	6:50	

11-6314

NOTES

Could are eng.; Ship at onchor.

154 messenge down at 6:31 am
35

6 mm Psy W 15.5 DI7.1 868

Hour: 6.59 A.M. to 7:17 A.M.

Position: Lat.

Locality: Santa Couz Id.

Depth: 91/2 for Bottom:

Wind: Direction, East Force,

Sea: 9. Sky: 3-95-10

TEMPERATURES

Depth	Thermometer – Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	
(2.4)	14 1 7486	16:1	gambina	0	(61,0)		

10 2: 112 16.17 11. 15 1501 1. State 15.70/100

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
		2.00	A IIIIO GOWIL	Acconditions	Speed	Direction
						i
				1		
						İ
						ļ

Color of water:

Transparency:

REMARKS:

Strateit- Rec.

	70 41-	Down	0	
Description	Depth		Up	Speed
Tow nots of 12 and 000	Surf	6:59	7:14	Z.
Sur. Cls. SApp. 700 1	5 m	6:19	3:15	
Sur. Clo. 944. 7502	10 m	7:14	7:17	

11-5314

NOTES

Small to eng.; at anchor.

1 st messure down at 6:59 am

7 Am Pay WIS, 7 D 1734 848

Station No. 7-6664 Date: July 18 # 1916 Hour: 7.75 A.M. to 740 A.M. Position: Lat. Locality: Santa Cous It. Depth: 912 fms. Bottom: Sample: Force. Wind: Direction, Sky: Sea: TEMPERATURES Sample Correc-Corrected Temp. Bottle Thermometer-Make and No. Reading Depth used Sorof Range 7486 1611 (6110) 5 m NZ 165868 41:15.9 15.3 -0.05 15.85 (60.5) NZ 165869 42.15.9 15.3 -0.05 15.85 (60.5) 10 m. N2 165971 15.77 163 +0.04 15.74 (60.3)

	CURRENTS						
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction	
						1111	
		-				1 23	
			10.11	16.00			

Color of water:

Transparency:

REMARKS:

11-5314

Description	Depth	TIME	Speed
Description	Depth	Down Up	Speed
Tow Nets 75 12 8 000	Emf.	7:25 7:41	2
Sar. Clo. 9pp. 75-1	5 m.	7:25	
Sec. Cho. App. Nº 2	10 m.	7:40	

11-5314

NOTES

Stal. dr. eng.; Ship at anchor.

1st mesenge dam at 7:25 am

7 m Psy W 15. + D17,4 84%

